

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheep

of 2

Complete If Known

Application Number

Filing Date

First Named Inventor

Art Unit

Examiner Name

Shafer

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-5,494,219	02/27/96	Maley et al.	
		US-4,690,371	09/01/87	Bosley et al.	
		US-4,532,851	08/06/85	Fermanich	
		US-3,367,312	02/06/68	E. Jonsson	
		US-5,809,157	09/15/98	Grumazescu	
		US-5,434,549	07/18/95	Hirabayashi et al.	
		US-5,353,991	10/11/94	De Nagel et al.	
		US-3,379,214	04/23/68	R.W. Weinberg	
		US-4,653,720	03/31/87	Knapp et al.	
		US-5,188,336	02/20/93	Graner et al.	
		US-3,683,239	08/08/72	Sturman	
		US-3,743,898	07/03/73	Sturman	
		US-5,546,063	08/13/98	Hoffman	
		US-5,460,329	10/24/95	Sturman	
		US-5,981,045	10/05/99	Coldren et al.	
		US-5,957,106	09/28/99	Malooley et al.	
		US-6,039,077	03/21/00	Schutze	
		US-5,117,869	06/02/92	Kolchinsky	
		US-4,684,070	05/12/87	Meistrick et al.	
		US-4,572,114	02/25/88	Sickler	

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

KWAN

**Date
Considered**

6/9/2005

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	
		Filing Date	
		First Named Inventor	Shafer
		Art Unit	
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	00-564.1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)	MM-DD-YYYY		
		US- 4,537,184	08/27/85	Ajiki et al.	
		US- 4,530,318	07/23/85	Semple	
		US- 4,201,118	05/08/80	Martin	"
		US-			
		US- 5,934,245	08/10/99	Miller et al.	"
		US- 5,528,784	06/18/98	Hakkenberg et al.	
		US- 5,309,881	05/10/94	Pawellek et al.	
		US- 3,710,908	01/16/73	Muir	
		US- 4,592,319	06/03/88	Meistrick	
		US- 4,158,348	08/19/79	Mason	
		US- 5,237,968	08/24/93	Miller et al.	
		US- 5,404,851	04/11/95	Neitz et al.	
		US- 4,684,070	05/12/87	Meistrick et al.	
		US- 5,628,116	05/06/97	Reedy et al.	
		US- 5,000,146	03/19/91	Szucsanyi	
		US- 4,688,384	08/25/87	Pearman et al.	
		US- 5,957,106	09/28/99	Maloney et al.	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Signature	Kiernan	Date Considered	6/9/2005
-----------------------	---------	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 If possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.